USER MANUAL

SIP 36″ INDUSTRIAL DRUM FAN

ITEM NO: 05638



PLEASE READ AND FULLY UNDERSTAND THE INSTRUCTIONS IN THIS MANUAL BEFORE OPERATION.
KEEP THIS MANUAL SAFE FOR FUTURE REFERENCE.

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1 Introduction

Thank You for Choosing SIP

SIP Industrial Products Ltd is a flagship supplier of high-quality machinery and equipment to the ever-growing engineering, construction, automotive and agricultural marketplaces.

As an ISO9001 approved machinery specialist, we are passionate about innovation and offering quality, value and choice, making sure that our users have the most appropriate and reliable product for the task at hand.

Welcome to Your User Manual

This manual is designed to introduce the support in place for you as an SIP customer as well as guide you through the product that you have purchased and how to use and maintain it safely and effectively.

Technical and Aftersales Support

With a dedicated service centre at head office and service engineers across the UK and Ireland, SIP are committed to providing you with the optimum support to minimise any working downtime.

Our extensive Technical, Service Engineer and Customer Service teams are on hand to support with:

- Product selection
- Servicing and maintenance advice
- Troubleshooting

Feel free to contact us for more information.
Tel: 01509 500 400
Email: customerservice@sip-group.com

1.1 Product Overview

The SIP 36” Industrial Drum Fan delivers powerful, variable speed airflow to help cool spaces and freshen stale air in a variety of indoor industrial environments.

Wheel-mounted on a cradled steel frame, the drum enclosed, heavy-duty 3-blade fan can be rotated between 360° on its vertical axis to maximise circulation and coverage.

1.2 Manual Version History

Manual Version Number	Date Published
V2.1	17/10/2025

2 Warranty

Warranty Registration

SIP proudly offer a 2 year warranty across all SIP branded machines.*

To benefit from the second warranty year, you must register within 30 days of purchase via the link or QR code below.

www.sip-group.com/warranty/register-warranty



***Excludes accessories and consumables**

3 Safety Instructions

3.1 Safety Symbols Used Throughout This Manual



Important: Please read the following instructions carefully, failure to do so could lead to serious injury, damage to the product or an invalidated warranty.



Danger/Caution: Indicates risk of personal injury and/or the possibility of damage.



Danger/Caution: Indicates risk of personal injury due to electrical shock.



Note: Supplementary Information.

3.2 Safety Instructions

When using this fan, basic safety precautions should always be followed to reduce the risk of fire, electric shock, personal injury (or to others) and/or damage to the product. Read all these instructions before operating the item and save this user manual for future reference. SIP recommends that this product should not be modified or used for any application other than that for which it was designed; it was designed for the movement of air within a room to provide comfort in higher temperatures, it does not however actively cool the air. If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

3.2.1 General Safety Principles

Prior to first use read and understand this owner's manual and the labels affixed to the fan. Learn its applications and limitations, as well as the potential hazards specific to it. Only trained and competent individuals may operate this fan, and must follow the instructions provided in this manual. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a sage way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. **Always** inspect the grilles before use to ensure that they are securely attached to the fan and not likely to fall off during use. **Do not** move or reposition the fan whilst it is in operation, always switch the fan off before adjusting its location.

Never carry this fan by the mains lead or pull it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges. If the mains lead is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid unwanted hazards. **Always** disconnect from the power supply when not in use.

Do not leave the fan running unattended, always switch off when leaving the room. **Do not** operate the fan in explosive atmospheres such as in the presence of flammable liquids, gases, dust or other combustible sources. **Do not** use the fan outside as exposure to direct sunlight or rain may result in overheating, electric shock or fire.

Never cover the fan or obstruct the inlet or outlet and always provide adequate space around it. **Always** locate the fan on a stable and level surface. **Never** move or handle the fan while still hot or on. **Do not** expose the fan to water spray, rain, dripping water or moisture of any kind.

3.2.2 Personal Protective Equipment

Personal Protective Equipment (PPE) is not required to operate this equipment, or necessary to be worn whilst it is in use. However, care should be taken when carrying out basic maintenance/cleaning of the unit. Although PPE is not required during the normal operation of the fan there are still risks associated with the use of the fan, please read the manual fully to understand these risks.

3.2.3 Hazards During Use

Electrical Hazards: **Do not** expose the fan to water spray, rain, dripping water or moisture of any kind. Failure to do so may result in electrical shock or electrical damage and/or fire. Do not use this device on an extension cable that is not appropriately rated, as this may result in electrical damage to the fan and/or a fire.

Fire and Explosion Hazards: **Do not** expose the fan to water spray, rain, dripping water or moisture of any kind. Failure to do so may result in electrical shock or electrical damage/fire. **Do not** use the fan in the vicinity of any form of fire as the increased air flow may either spread embers or accelerate the propagation/size of the flame/fire. **Do not** use the fan in a heavily dusty environment or where fine powders are produced, as the fan may disperse them into the air leading to an explosion if ignited.

3.2.4 Residual Risks

Whilst the fan has a grille around the fan blades to reduce the risk of injury either by accidental contact with the blades, or by materials falling onto the blade; the grille must have a minimum spacing in order to allow for the efficient flow of air through the fan. As such, it is possible for children or animals to potentially come into contact with the

blades through the grille and thus the fan should not be used unless under supervision by an adult. **Never** inserts fingers or any other object(s) through the grill when the fan is in operation and/or plugged into the mains supply.

3.2.5 Warning signs and symbols

No additional safety labelling exists on this product.

3.2.6 Safety Devices

There are no additional safety devices in this fan other than any that may be used within the electrical plug.

3.2.7 Maintenance and Servicing Safety

Repairs **must** only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

You **must** always check that the fan is in sound condition and good working order prior to use. If you suspect that the unit is damaged or not operating correctly **do not** attempt a repair, contact an SIP service agent immediately.

3.2.8 Disposal Safety

The fan contains electrical components that must be disposed of safely and in accordance with local and national regulatory laws.

3.2.9 Storage

When stored the fan **must** be stored in a dry, locked cupboard (or similar) when not in use wherever possible and out of the reach of children.

4 Electrical Connections

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe.

You must inspect power cables, plugs, sockets and any other connectors for wear or damage.

You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices; a Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by a Residual Current Breaker with Over-Current (RCBO). If in any doubt consult a qualified electrician.

Never carry this product by the mains lead or pull it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges. If the mains lead is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid unwanted hazards. **Always** disconnect from the power supply when not in use.



Danger/Caution: The wires in the power cable of this product are coloured in accordance with the following code: Blue = Neutral, Brown = Live, Yellow and Green = Earth.

This appliance is fitted with a plug which is moulded onto the electric cable (i.e. non-rewirable) please note:

1. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from most electrical stockists.
5. The fuse in the plug must be replaced with one of the same rating (13 A) and this replacement must be ASTA approved to BS1362.









Warning: Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved plug with the correct rated fuse. If in doubt consult a qualified electrician.

Note: Always make sure the mains supply is of the correct voltage and amperage and the correct fuse protection is used. In the event of replacing the fuse, always replace the fuse with the same value as the original.

Note: If an extension lead is required in order to reach the mains supply; ensure that this too is rated for the correct voltage and fuse rating.

Note: The cross section of the extension lead should be checked so that it is of sufficient size to reduce the chances of voltage drops.

5 Technical Specifications

Parameter	Value
Input Voltage (V / Hz)	230 / 50
Power (W)	450
Fan Diameter ("/ mm)	36 / 914.4
Air Flow (m^3/min)	340
Dimensions (mm)	1035 x 490 x 1140
Noise Level (dB(A))	85
Weights (kg)	NW: 26.8 / GW: 30.4
Ingress Protection (IP) Rating	IPX0

6 Getting to know your SIP 36” Industrial Drum Fan

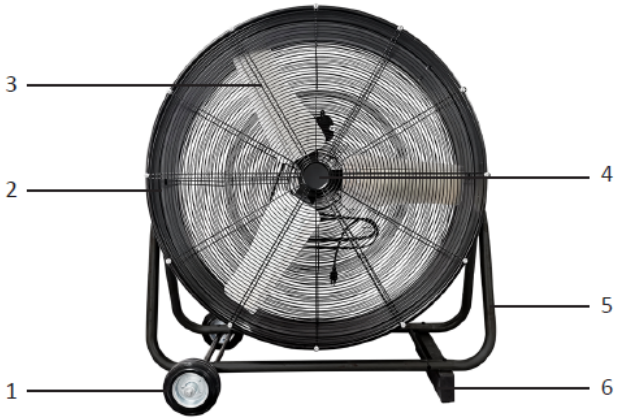


Figure 1: The front view of the 05638 SIP 36” Industrial Drum Fan.

Item	Description
1	Wheels
2	Drum Body
3	Fan Blade
4	Motor
5	Frame
6	Foot

7 Operating Instructions

For optimum performance from the fan and to prevent the fan from overheating it must be positioned at least 1 metre away from any solid object or wall during use.

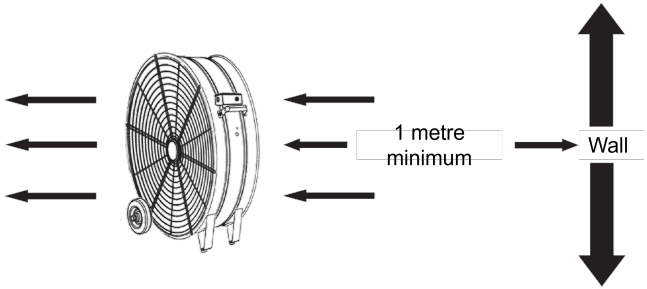


Figure 2: The minimum distance required between the fan and any walls or solid objects during use.

The fan has 2 different speed settings: 0 - Stop, 1 - Low, 2 - High.

- Turn the switch to the desired position 1 or 2 to start the fan at the stated speed.
- Turn the switch to 0 to stop the fun running.



Danger/Caution: Never use the fan outdoors or in any damp or wet locations. When using indoors do not use on a window sill or near an open window to prevent water from coming into contact with the fan, e.g. if it is raining.

8 Maintenance

The 05638 SIP 36” Industrial Drum Fan does not require any specific maintenance, however dust will build up on the fan blades and shrouds. It is recommended that this dust be removed periodically in order to prevent loss of performance and strain on the electric motor.

To remove dust from the unit first switch off and unplug the fan from the mains supply. Using a dry cloth and/or feather duster lightly wipe and remove built up dust deposits from the fan blades and casing.



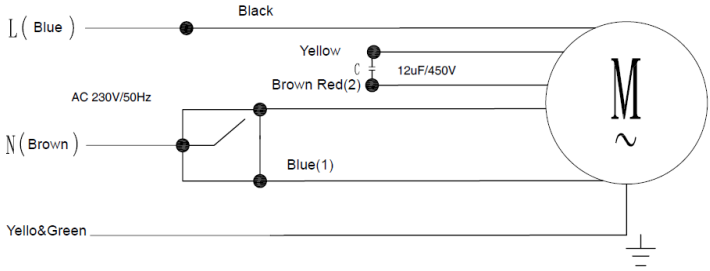
Danger/Caution: Do not clean the 05638 SIP 36” Industrial Drum Fan when connected to the power supply, failure to do so may result in accidental starting whilst cleaning leading to personal injury or damage to the product.

Additionally all screws, especially those used to assemble the product, should be checked periodically to ensure that they are still tight.

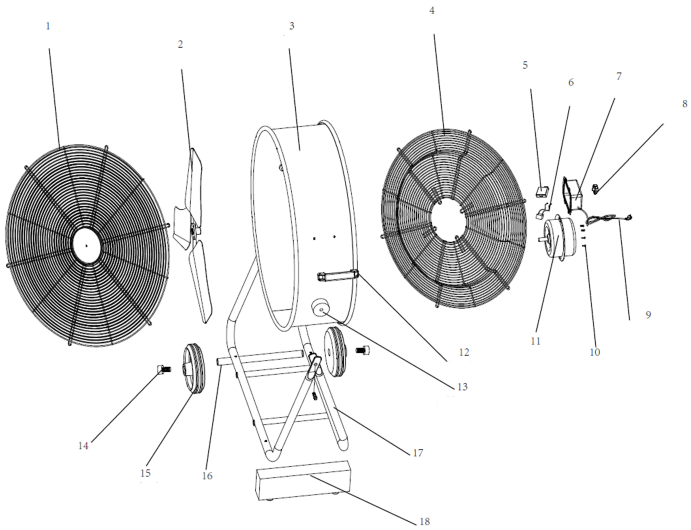
When placing into long-term storage such as over the winter, store in a dry locked place out of reach of children.

9 Troubleshooting

9.1 Wiring Diagram



9.2 Exploded Drawing and Parts List



Ref no	Description	SIP Product Code
1	Front Grill	PW10-00235
2	Blade	PW10-00236
3	Drum	PW10-00237
4	Rear Grill	PW10-00238
5	Switch	PW10-00239
6	Capacitor	PW10-00240
7	Switch Box	PW10-00241
8	Nut	PW10-00242
9	Power Cord	PW10-00243
10	Screw	PW10-00244
11	Motor	PW10-00245
12	Handle	PW10-00246
13	Rubber Ring	PW10-00247

Ref no	Description	SIP Product Code
14	Wheel Screw	PW10-00248
15	Wheel	PW10-00249
16	Axle	PW10-00250
17	Frame	PW10-00251
18	Foot	PW10-00252

10 UK - Declaration of Conformity

We, SIP (Industrial Products) Ltd, Gelders Hall Road, Shepshed, Loughborough, Leicestershire, LE12 9NH, United Kingdom

As the manufacturer within the UK, England, Scotland and Wales, declare that the

SIP 36” Industrial Drum Fan - 05638

Conforms to the requirements of the following regulation(s), as indictated:

Electrical Equipment (Safety) Regulations 2016

The Electromagnetic Compatibility Regulations 2016

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

And the relevent harmonised standard(s), including:

BS EN IEC 55014-1:2021

BS EN IEC 55014-2:2021

BS EN IEC 61000-3-2:2019+A1:2021

BS EN 61000-3-3:2013+A1:2019+A2:2021

BS EN 60335-1:2012+A11:2014+A13:2017+A1:2019+ A2:2019+A14:2019+A15:2021+A16:2023

BS EN 60335-2-80:2003 +A1:2004+A2:2009

BS EN 62233:2008



Mr. P Ippaso - Managing Director
SIP (Machinery Europe Ltd)
Date: 17/10/2025

UK CA

11 EU - Declaration of Conformity

We, SIP (Machinery Europe) Ltd, ASM, Block One, Quayside Business Park, Dundalk, County Louth, A91 DP8R, Republic of Ireland

As the manufacturer's authorised representative within the EC, declare that the

SIP 36" Industrial Drum Fan - 05638

Conforms to the requirements of the following directive(s), as indictated:

2014/35/EU	**Low Voltage Directive**
2014/30/EU	**Electromagnetic Compatability Directive**
2011/65/EU	**RoHS Directive**

And the relevent harmonised standard(s), including:

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019+A1:2021

EN 61000-3-3:2013+A1:2019+A2:2021

EN 60335-1:2012+A11:2014+A13:2017+A1:2019+ A2:2019+A14:2019+A15:2021+A16:2023

EN 60335-2-80:2003+A1:2004+A2:2009

EN 62233:2008



Mr. P Ippaso - Managing Director
SIP (Machinery Europe Ltd)
Date: 17/10/2025

CE



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.



Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised recycling agent. This will allow the recycling of raw materials and help protect the environment.

FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR OR SIP DIRECTLY ON:

T: 01509 500400
E: sales@sip-group.com or customerservice@sip-group.com

SIP INDUSTRIAL

British Assessment Bureau
UKAS MANAGEMENT SYSTEMS
8289
ISO 9001
QUALITY MANAGEMENT

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